

## ABSTRACT OF THE DISCLOSURE

Disclosed is a timing generator of panel display and polarity arrangement control signal generation method therefor. The timing generator comprises a storage unit for storing a plurality of sets of polarity data and corresponding PAC signals, an operation unit for receiving display data, the sets of polarity data, and a corresponding PAC signal so that the operation unit can perform an inner product operation with respect to the polarity data and the display data for obtaining a sum of coupling voltages, and a comparison unit for comparing the sum of coupling voltages with a predetermined value, and outputting the PAC signal corresponding to the polarity data to a data driver if the sum of coupling voltages is smaller than the predetermined value.